

concl A1

9. (once amended) An array according to claim 1 wherein the element defines an apex disposed in a region which is forward relative to the planar faces of the reflective surfaces and collinear with respect to the incident radar signal.

10. (once amended) An array according to claim 1 wherein the array comprises a plurality of uniform elements.

12. (once amended) An array according to claim 1 formed from a lightweight material.

13. (once amended) An array according to claim 1 wherein the elements are perforated.

14. (once amended) An array according to claim 1, wherein the array is formed from a mesh material.

15. (once amended) An array according to claim 1, wherein said array is in roll or sheer form.

17. (once amended) An array according to claim 1 wherein the elements have a thickness in the range of from about 0.25mm to 15mm.

19. (once amended) A vessel have a structure to which is attached at least one array as claimed in claim 1.

20. (once amended) A method of retrofitting an array to a vessel to reduce its radar signature, the array being as claimed in claim 1, the method including the step of attaching to surfaces of the vessel structure the array wherein the arrangement when attached to surfaces of the vessel structure results in the faces being oriented so as to reflect an incident radar signal in a direction away from its direction of incidence for a given range of incident directions.

22. (once amended) A method according to claim 20, wherein the vessel structure comprises any surface on the structure capable of reflecting a radar signal.

23. (once amended) A method according to claim 20, wherein the arrangement of elements on the vessel structure is such that the facets of the elements reflect the incident radar signal away from a threat direction.

24. (once amended) A method according to claim 20, wherein the array comprises a plurality of sheets capable of being joined together.

25. (once amended) A method for retrofitting an array to a vessel to reduce its radar signature, the array being as claimed in claim 1, the method including the step of fastening to surfaces of the vessel structure in sheet form one or more arrays comprising a plurality of uniformly shaped elements being triangular, polyhedral, pyramidal or prismatic in shape and having edges defining the boundary of the reflective surfaces being such that the faces and the edges are oblique to the direction of incident radar for a given range of incident directions, the arrangement being such that when fastened to surfaces of the vessel structure the reflective surfaces are oriented so as to reflect an incident radar signal by up to about 30 degrees away from its direction of incidence for a given range of incident directions.


26. (once amended) A retrofitted vessel made by the method of claim 20.

The above amendments are made to delete multiple dependency in the claims. No new matter is contained in the amendment.

Please charge any fee deficiency or credit any overpayment to Deposit Account No. 50-1088.

Respectfully submitted,

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